

App. No. 10/776846
Office Action Dated July 1, 2004
Amd. Dated September 30, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1 is amended.

Claim 7 is added.

Listing of Claims:

1. (Currently Amended) A chip resistor comprising:

an insulating substrate including two side surfaces spaced from each other in a predetermined direction and an upper surface extending between the two side surfaces;

a resistive layer formed on the upper surface of the substrate;

an upper electrode made from a silver paste and connected to the resistive layer and extending toward a respective one of the side surfaces of the insulating substrate;

an undercoat enclosing the resistive layer and extending onto part of the upper electrode, the undercoat including an extremity located on the upper electrode;

an auxiliary electrode connected to the upper electrode and extending onto part of the undercoat; and

an overcoat enclosing the undercoat and extending onto part of the auxiliary electrode, the overcoat including an extremity located on the auxiliary electrode;

wherein the undercoat extends in the predetermined direction beyond the extremity of the overcoat, so that the extremity of the undercoat is offset from the extremity of the overcoat by a predetermined distance, the extremity of the undercoat being located closer to said respective side surface of the insulating substrate than it is to the extremity of the overcoat.

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2. (Original) The chip resistor according to claim 1, wherein the predetermined distance is no smaller than 100 μm .
3. (Original) The chip resistor according to claim 1, wherein the auxiliary electrode is made from a base metal paste containing no silver.
4. (Original) The chip resistor according to claim 2, wherein the auxiliary electrode is made from a base metal paste containing no silver.
5. (Original) The chip resistor according to claim 1, wherein the auxiliary electrode is made from a carbon paste.
6. (Original) The chip resistor according to claim 2, wherein the auxiliary electrode is made from a carbon paste.
7. (Newly Added) A chip resistor comprising:
 - an insulating substrate including two side surfaces spaced from each other in a predetermined direction and an upper surface extending between the two side surfaces;
 - a resistive layer formed on the upper surface of the substrate;
 - an upper electrode made from a silver paste and connected to the resistive layer;
 - an undercoat enclosing the resistive layer and extending onto part of the upper electrode, the undercoat including an extremity located on the upper electrode;
 - an auxiliary electrode connected to the upper electrode and extending onto part of the undercoat; and

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an overcoat enclosing the undercoat and extending onto part of the auxiliary electrode, the overcoat including an extremity located on the auxiliary electrode;

wherein the undercoat extends in the predetermined direction beyond the extremity of the overcoat, so that the extremity of the undercoat is offset from the extremity of the overcoat by a predetermined distance of no smaller than 100 μm .